

USGS, Earth Resources Observation and Science
(EROS) Center Sioux Falls, South Dakota

National Aeronautics and
Space Administration



NASA's Land Processes DAAC (LP DAAC)

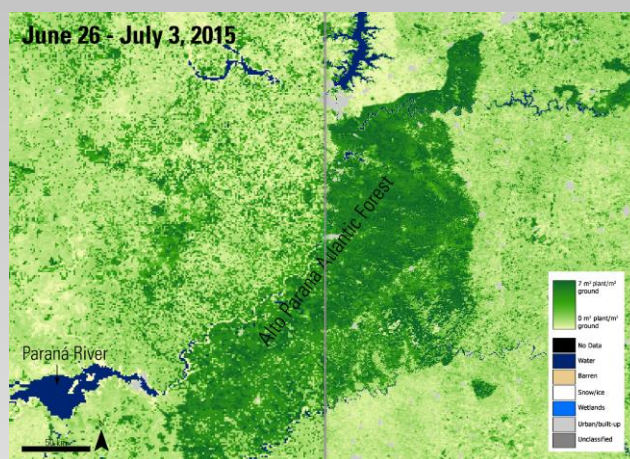
Surface Reflectance, Land Cover and
Vegetation Indices

LP DAAC is located at the U.S Department of Interior, U.S. Geological Survey (USGS) Earth Resources Observation and Science (EROS) Center in Sioux Falls, SD. LP DAAC ingests, processes, archives, and distributes data products related to land processes. These data are crucial to the investigation, characterization, and monitoring of biological, geological, hydrological, ecological, and related conditions and processes.

Chris Doescher, DAAC Manager

Chris Torbert, DAAC Mission Manager

- Core Data Products include: Advanced Spaceborne Thermal Emission and Reflection Radiometer (ASTER) from NASA's Terra and Moderate Resolution Imaging Spectroradiometer (MODIS) data from NASA's Terra and Aqua Earth Observing System (EOS) satellites.
- Additional products include: NASA's Making Earth System Data Records for Use in Research Environments (MEaSUREs) Collaborations
 - Global Forest Cover Change (GFCC)
 - Web-Enabled Landsat Data (WELD)
 - Shuttle Radar Topography Mission (SRTM)
 - Vegetation Index and Phenology (VIP)
- Provide tools and services for discovery and analysis of NASA's land cover and land use data.



Two side-by-side images are 8-day composites of data from June 26 to July 3, 2015, of the Alto Paraná Atlantic Forest area in northeastern Argentina. The image on the left shows a Version 5 MODIS LAI data product (MCD15A2) with 1,000 meter resolution. The image on the right shows a Version 6 MODIS LAI data product (MCD15A2H) with 500 meter resolution. You can see the right image has a higher spatial resolution and shows the area in finer detail.

Just over 3 petabytes in the archive by the end of FY2018. Over 4 .5 petabytes of data distributed to nearly 461,000 users during FY2018.



Land Processes DAAC

EROS Center

47914 252nd Street

Sioux Falls, SD 57198-0001

605-594-6116, 1-866-573-3222 (toll-free)

<https://lpdaac.usgs.gov>

LP DAAC

earthdata.nasa.gov